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the elementary branches of mathematics of some of their inaccuracies and solecisms. Great credit is due the editor, Mr. T. J. McCormack. for his service to the cause of mathematics in bringing out new editions of such valuable works. B. F. F.

The Mathematical Magazine. A Journal of Elementary and Higher Mathematics. Edited and published by Artemas Martin, M. A., Ph. D., LL. D., Washington, D. C. Price, $1.00 for four numbers. Single number, 30 cents.

The number for December, 1898, contains the following: About Fifth Power Numbers Whose Sum is a Fifth Power, by Dr. Martin; Notes About Square Numbers Whose Sum is Either a Square or the Sum of Other Squares, by Dr. Martin; Formulas for the Sides of Rational Plane Triangles, by Dr. Martin; A Method of Finding, without Tables, the Number Corresponding to a Given Logarithm, by Dr. Martin. These papers occupy 40 pages; 16 pages are devoted to the solution of problems and 9 pages to Problems, Editorial Notes, and Book Reviews. This is the largest single number of the *Magazine* that has yet appeared. B. F. F.

The Cosmopolitan. An International Illustrated Monthly Magazine. Edited and published by John Brisben Walker. Price, $1.00 per year in advance. Single numbers, 10 cents. Irvington-on-the-Hudson.

The February number of *The Cosmopolitan* maintains its high standard of artistic excellence and literary merit. B. F. F.

The American Monthly Review of Reviews. An International Illustrated Monthly Magazine. Edited by Dr. Albert Shaw. Price, $2.50 per year in advance. Single numbers, 25 cents. The Review of Reviews Co., New York.

"The Progress of the World," the editorial department of the February *Review of Reviews*, deals this month with the new problems of colonial administration now confronting the country, with the Senatorial campaigns in the different States, with the polygamy question, with the question of army beef in its bearings on the reorganization of the War Department, with our recent industrial progress, protective tariffs, and the "trusts," and with the month's developments in foreign politics. B. F. F.

ERRATA.

In Professor Hoover's solution of problem 70, Mechanics, page 275, where he says $k^2=\frac{1}{2}r^2$, he should have said $k^2=\frac{3}{5}r^2$. $k^2=\frac{1}{2}r^2$ is for the cylinder. This error was pointed out by Professor Scheffer.

Prof. R. E. Gaines called attention to an error in Professor Zerr's solution of problem 71, Mechanics, page 275. A correct solution of this problem will appear in a later issue of the MONTHLY.

The following errors were pointed out by Prof. W. F. Bradbury.

Page 292, line 6, "$y=2$" should be $x=2$.

Page 293, line 13, "$2-\dfrac{1}{2(x+3)}$" should be $2-\dfrac{1}{2(y+3)}$.

Page 296, line 15, "$\therefore A=$" should be $AB=$.

Page 296, line 23, "$2\theta x=\frac{1}{2}\pi$," etc., should be $2\theta x=\pi$, etc......(3).

Page 296, line 25, "$-x^6/4^2.5$" should be $+x^6/4.5$......(5).

Page 298, line 13, "acute acute" should be acute angle.